

ABSTRACT

A voice data streaming method can include establishing a voice call connection with a VoIP gateway; receiving audio data from a network source; assigning a high priority to a thread of execution in which the received audio data can be streamed to the VoIP gateway; and, reducing the high priority to a normal priority when the received audio data has been completely streamed to the VoIP gateway. Notably, the step of receiving audio data from a network source can include receiving a recorded audio prompt from the network source. Similarly, the step of receiving audio data from a network source can include receiving synthesized audio from a text-to-speech (TTS) engine. The method also can include the step of streaming silence data in the thread of execution after the high priority has been reduced to the normal priority. Finally, the method can include the step of packetizing the audio data for transmission over a packet-switched network; and, streaming the packetized audio data in the high priority thread of execution according to RTP.